

U.S. Serial No. 09/508,042 filed 3/3/00 for Klaus Pawelzik et al. entitled METHOD FOR DETECTING TIME-DEPENDENT MODES OF DYNAMIC SYSTEMS Express Mail Label: EL525797902US

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	AA	5	3	0	7	4	4	4	04/26/94	Eiichi Tsuboka						
	AB	5	4	1	2	1	6	3	05/02/95	Shintaro Tsuji						
	AC	5	6	5	9	6	6	7	08/19/97	Kevin L. Buescher et al.		 	1	0		
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	AO	wo	95/184	20					07/06/95	International			x			
	AP	DE	195 30	646 C					10/17/96	Germany	A TA		Abstract only			
					ОТНЕ	R PRI	OR AR	T (Incl	uding Author,	Title, Date, Pertine	nt Pages, Etc.)				
		John I	Hertz et a	I., <u>INTR</u>	ODUCTI	OT NO	не тне	ORY OF N	EURAL COMPL	TATION, Addition-Wesley	Publishing Comp	any, 1991, Chapter 9 "	Unsupervised Com	petitive Learning"		
	AR	G. Pfi	urtschelle	retal., S	LEEP CI	ASSIFIC	CATION I	N INFAN	TS BASED ON A	RTIFICIAL NEURAL NET	FWORKS, Biomed	lizinische Technik, Ban	d 37, Heft 6/1992,	Pages 122 - 130		
		Andre	as Draeg	er et al.,	PRĀDIK	TIVE RE	GELUNG	VERFAI	IRENSTECHNIS	CHER ANLAGEN MIT NE	URONALEN NE	TZEN, Automatisierun	gstechnische Praxis	37, 1995, 4, Pages		
	AS		1 w/Engl													
						·	_			Messen 62, 1995, 3 w/Eng						
	Achim Bothe, NEURONALE KLASSIFIKATOREN IN DER AKUSTISCHEN MUSTERERKENNUNG, Technisches Messen 62, 1995, 3, Pages 88 - 94 w/English language sum										guage summary					
	АТ		in Ester, ige summ		HALLA	VALYSE	MIT UN	TERSTÜT	ZUNG ADAPTIV	ER FILTER UND NEURO	DNALER NETZE	, Technisches Messen 6	2, 1995, 3, Pages 1	07 - 112 w/English		
EXAMINER	AMINER									DATE CONSIDERED						
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	AL	DE 195 30 6	547 C1			01/23/97	Germany			Abstract only		
	AM	DE 195 31 9	067 A1			03/06/97	Germany			Abstract only		
!	AN	DE 195 37 0	010 A1			04/10/97	Germany			Abstract only		
	AO											
	AP											
			отн	ER PRIOR A	ART (Inclu	ding Author	, Title, Date, Pertiner	nt Pages, Etc.)				
		Dietmar Gerhardt e	al., <u>atemmuster</u>	- UND SCHLAFSTA	DIENERKENN	UNG MIT NEURO	NALEN NETZEN BEI SÄUGLI	NGEN, Technisches M	essen 62, 1995, 3, Pages 113	- 116 w/English langur	ige summary	
	AR	Christel Wisotzki et	al, LERNFÄHIGE	(LASSIFIKATION V	ON ZEITREIHE	EN, Automatisierun	stechnik 43, 1995, 2, Pages 70 - 76 w/English language summary					
		Stefan Gehlen et al., EINSATZ NEURONALER NETZE ZUR KONTROLLE KOMPLEXER INDUSTRIELLER PROZESSE, Automatisierungstechnik 43, 1995, 2, Pages 85 - 91 w/English language summary Harald Peters, ANWENDUNG KÜNSTLICHER NEURONALER NETZE IN ÜBERWACHUNGSSYSTEMEN, Automatisierungstechnische Praxis 38, 1996, 11, Pages 37 - 38, 40 - 42, 44 - 46, 48 w/English language summary										
	AS											
		Thomas Martinetz et al., NEURONALE NETZE ZUR STEUERUNG VON WALZSTRABEN, Automatisierungstechnische Praxis 38, 1996, 10, Pages 28, 30 - 32, 34 - 36, 41 - 42 w/English language summary										
	AT	Klaus Pawelzik et al., ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS, Neural Computation 8, Pages 340 - 356, 1996										
EXAMINER					- 2/4	DATE CONSIDERED						
*EXAMINER: I considered. Inch						formance wi	th MPEP 609; Draw	line through ci	tation if not in co	nformance and	not	

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					ОТН	ER PR	IOR AF	RT (Incl	luding Author	, Title, Date, Pertinen	t Pages, Etc.)					
		D. Popi	vanov et a	al., <u>DET</u>	ECTION	OF SUC	CESSIVE	CHANGE	S IN DYNAMICS	OF EEG TIME SERIES: L	NEAR AND NO	ILINEAR APPROACH	, 18 th Annual Intern	ational Conference		
	AR	of the II	EEE Engi	neering i	in Medicir	ne and Bi	ology Soci	iety, 1996,	, Pages 1590 - 159	1 .						
······································		J. Parde	y et al., <u>A</u>	REVIE	W OF PA	RAMET	RIC MOD	ELLING	TECHNIQUES FO	OR EEG ANALYSIS, Med.	Eng. Phys., Vol. 18	, No. 1, Pages 2 - 11, 19	996			
		J. Kohlı	morgen, e	t al., <u>AN</u>	ALYSIS	OF WAK	E/SLEEP	EEG WIT	H COMPETING	EXPERTS, Pages 1077 - 10	32					
	AS	N. H. P	ackard et	al., GEO	METRY	FROM A	TIME SE	ERIES, Phy	ysical Review Lett	ers, Vol. 45, No. 9, Septemb	er 1980, Pages 712	! - 716				
						7.33	21.37VA	Living C	N MARKOV MO	DELS AND SELECTED AI	PLICATIONS IN	SPEECH RECOGNITIO	ON, Readings in Sp	eech Recognition,		
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